INTERNATIONAL SEARCH REPORT

International Application No
1...,'US2004/025896

A CLASS	TOATION OF OUR POT MATTER							
A. CLASSIFICATION OF SUBJECT MATTER IPC 7 E21B7/30 F16L55/165								
According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS SEARCHED								
Minimum documentation searched (classification system followed by classification symbols) IPC 7 E21B F16L								
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched								
Electronic da	ata base consulted during the international search (name of data bas	se and, where practical, search terms used)					
EPO-In								
C. DOCUMENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.					
A	US 2003/132034 A1 (SHARP RICHARD AL) 17 July 2003 (2003-07-17) figures 1,3,4	1-42						
A	US 5 078 546 A (FISK ALLAN T ET 7 January 1992 (1992-01-07) figures 2,3,10,11	1-42						
A	GB 2 137 719 A (DALY LIMITED P N) 10 October 1984 (1984-10-10) figures 1,4,10	1-42						
Α	US 2002/162406 A1 (REYNOLDS PAYCE AL) 7 November 2002 (2002-11-07) figures 1,2	1-42						
Further documents are listed in the continuation of box C. Patent family members are listed in annex.								
'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the International filing date but later than the priority date claimed		 "T' later document published after the International filing date or priority date and not in conflict with the application but died to understand the principle or theory underlying the invention "X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&' document member of the same patent family 						
	actual completion of the international search November 2004	Date of mailing of the international search report						
Name and mailing address of the ISA		17/11/2004 Authorized officer						
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Georgescu, M						

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